

ABSTRACT

A system and method for capturing 3D images of target objects and comparing the captured image against a database of stored images (3D and or 2D) is described. One embodiment includes an image collection device configured to collect a three-dimensional image record about a target object; a data reader configured to read a baseline three-dimensional image record from a data storage device; a comparator connected to the image collection device and the data reader, the comparator configured to compare the target object's three-dimensional image record with the baseline three-dimensional image record; and an output device connected to the comparator, the output device configured to generate an output responsive to the comparator matching the target object's three-dimensional image record with the baseline three-dimensional image record.